

Why transition to WebIDQ

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1 Why WebIDQ

1.1 What is WebIDQ

WebIDQ is the next evolution of biocrates' workflow management and data processing software. As an essential companion to the biocrates' metabolomics kits, WebIDQ guides users from sample registration and customizing plate layouts, through metabolite quantification, data normalization, and exporting the results in various file formats. WebIDQ is available as cloud and on-premises subscription. It features state-of-the-art security protocols and integration with [My biocrates](#) portal.

1.2 Why the transition from MetIDQ to WebIDQ

WebIDQ accelerates research and takes biocrates' metabolomics technology to the cloud, allowing data to be accessed and processed from any device through a browser. Building on the proven functionality of the MetIDQ software, WebIDQ is redesigned from the ground up for ease of use. Incorporating new features (described below) and new MetaboINDICATOR™ extensions lighten your workload and make this software the go-to companion for quantitative metabolomics.

Advanced features in WebIDQ streamline sample analysis and give confidence in generated metabolomics data:

- **Automated peak picking**

The new automated peak picking feature, which is based on machine learning, increases reproducibility, simplifies peak integration and speeds up metabolite quantification.

- **Improved performance assessment**

New validation features calculate accuracies and coefficients of variation (CVs) across quality control replicates over the plate, facilitating the performance assessment and giving higher confidence in the analytical quality of the data.

- **Easy user management**

WebIDQ is accessible through the [My biocrates](#) portal, where user administration can be managed. A WebIDQ subscription allows to invite up to 10 users to more efficiently collaborate across projects and groups within the organization.

- **More flexibility**

The WebIDQ cloud software is accessible from any computer at any time.

- **Worry-free cloud-based service**

Database backups and maintenance are performed by biocrates. Software updates go live immediately, and users always have access to the latest version.

2 New WebIDQ key features

WebIDQ has all essential functions of MetIDQ plus many new features.

Feature	MetIDQ	WebIDQ
Integrated user manual	x	✓
Sample and project administration	✓	✓
Layout and worklist generation/export	✓	✓
Support SCIEX OS software	x	✓
Quantification of FIA data	✓	✓
Quantification of LC data across all kit products*	x	✓
Automated peak picking	x	✓
Technical validation	✓	✓
New integration and validation features	x	✓
MetaboINDICATOR™ for all kits**	x	✓

* Import of LC results files from MS software not available in WebIDQ

** MetaboINDICATOR™ only available for MxP® Quant 500 kit in MetIDQ

3 WebIDQ versions and service options

To provide the best support, security, and ongoing development, WebIDQ is available as a subscription service model separate from the kits and other service products. Subscriptions are valid for 12 months, include up to 10 users per organization, and allow full access to all features.

WebIDQ is designed to take full advantage of the cloud-based infrastructure, offering new features and improved performance. For institutions with restrictive organizational internet access policies, WebIDQ is offered as an on-premises version with a locally installed database and limited cloud features.

biocrates highly recommends the cloud-based option, as it has powerful advantages compared to on-premises (see section 3.1 and 3.2).

3.1 Key features cloud vs. on-premises

Feature	WebIDQ cloud	WebIDQ on-premises
MetIDQ functions	✓	✓
New / improved features	✓	✓
MetaboINDICATOR™	✓	✓
Automatic backups and updates	✓	✗
Access from anywhere via browser	✓	✗

3.2 Technical differences between cloud and on-premises version

Feature	WebIDQ cloud	WebIDQ on-premises
Server setup	Quick start – No server installation required (Easy and secure access)	Database and WebIDQ installation on a central server in the network (comparable to MetIDQ)
Database system	Worry-free cloud-based service. biocrates is responsible for infrastructure, maintenance, and backups	Oracle or PostgreSQL (PostgreSQL: No limitations, no Oracle license fees). User responsible for database upkeep
Software updates	Automated updates and immediate access to new features	Manual installation of updates on the server is required
Performance	Improved performance – All computations performed in the cloud	Limited by local hardware – All computations performed on the local server
Customer support	Priority support (including database issues)	Standard support (not including database issues)
Storage	10 GB storage included in standard subscription. Additional space available through storage packages (available April 30, 2023)	Limited by local hardware and database type

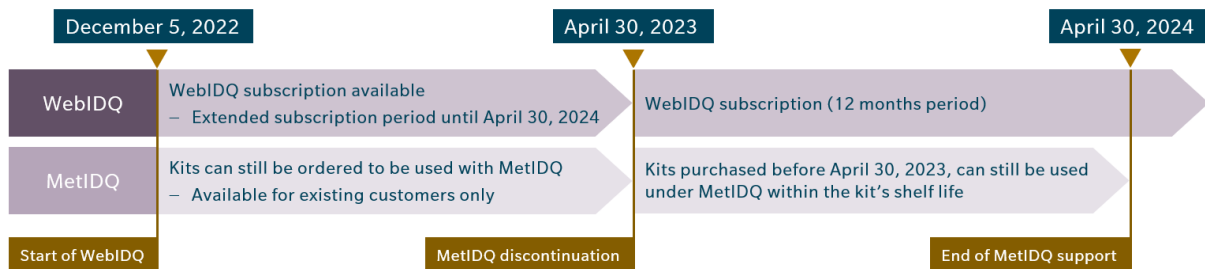
3.3 Cloud infrastructure and security

biocrates' infrastructure is designed with several layers of protection to help ensure data security during transmission, storage, and processing. Protections include industry standard encryption and security protocols. Our information security team continuously implements new security controls and monitors all services for malicious activity across physical data centers, networks, and IT devices. WebIDQ's infrastructure is secured by routine backups and recovery procedures for restoring services in case of unforeseen events.

4 MetIDQ-WebIDQ transition for existing customers

4.1 Timelines

MetIDQ support will continue until April 30th, 2024, while new kit and service products along with future updates will be exclusive to WebIDQ. MetIDQ support may be extended on case-by-case for users with ongoing studies. The transition scheme and timelines are below.



Please note

- There will be no more MetIDQ updates. Future updates, i.e. new QC batches, will only be available for WebIDQ.
- We strongly encourage users to perform the software update and to migrate the MetIDQ database before starting a new project.

4.2 Transition and database migration

WebIDQ has built-in tools to migrate existing MetIDQ databases to the cloud. Below is a step-by-step guide for accessing the new WebIDQ software and migrating (cloud) or updating (on-premises) your existing database.

4.2.1 Cloud version

Step	Description
1. Account creation	Create a biocrates account for subscription and user management, authentication, and webshop access
2. Purchase subscription	Purchase a WebIDQ cloud subscription via webshop or business development representative
3. Database backup	Create a MetIDQ database backup prior to migration
4. Database migration	Use the WebIDQ migration wizard to transfer your local data to the cloud

4.2.2 On-premises version

Step	Description
1. Account creation	Create a biocrates account for subscription and user management, authentication, and webshop access
2. Purchase subscription	Purchase a WebIDQ on-premises subscription via webshop or business development representative
3. Database backup	Create a MetIDQ database backup prior to migration
4. WebIDQ installation	Download WebIDQ and install on your local server
5. Database migration	Migrate your MetIDQ database

5 FAQ

5.1 Do I need WebIDQ to use the kits that I purchased before the 1st of December 2022, and which had MetIDQ included?

No, kits purchased with MetIDQ are still valid as before. However, MetIDQ support ends on April 30, 2024. **Note: MxP[®] Quant 500 kits purchased in combination with the Quant 500 XL promotion require WebIDQ if the XL extension plate is used.**

5.2 Can I continue to purchase biocrates kits with MetIDQ?

All kits (except MxP[®] Quant 500 XL) purchased by April 30, 2023, can be used with MetIDQ. After April 30, 2023, MetIDQ will be discontinued, but support will continue until April 30, 2024. All biocrates kits purchased after April 30, 2023 will require a WebIDQ subscription. **Please note that the new MxP[®] Quant 500 XL kit is not compatible with MetIDQ and requires WebIDQ.**

5.3 Can I migrate my MetIDQ database to WebIDQ?

Yes, WebIDQ includes a migration wizard and online instructions that help to easily move MetIDQ data to WebIDQ. Our customer support team will be there for you should you need any assistance.

5.4 Can I use MetIDQ and WebIDQ in parallel?

No, MetIDQ and WebIDQ cannot be used in parallel. We strongly recommend fully migrating your MetIDQ data to WebIDQ before you start using WebIDQ. During the migration process, the WebIDQ database will be overwritten by the MetIDQ database.

5.5 What are the recommended system requirements for WebIDQ?

The software requirements are specified below as well as in the kit requirements document included with each kit.

WebIDQ cloud subscription

WebIDQ client

- Web browser: Edge or Chrome (latest version)
- 8 GB RAM
- Recommended: 6 cores (Intel i7 10th generation, AMD 5000 series or comparable)

WebIDQ on-premises subscription

WebIDQ client

- Web browser: Edge or Chrome (latest version)
- 8 GB RAM
- Recommended: 6 cores (Intel i7 10th generation, AMD 5000 series or comparable)

WebIDQ server

- Windows 10 or later, 64-bit architecture
- 16 GB RAM
- 8 cores (vCPU)
- Microsoft .NET Framework 4.5.2 or later
- Microsoft Visual C++ Redistributable (32 & 64 bit each): 2005, 2008, 2010, 2012, and 2013

Database – For hardware requirements please contact your database provider

- PostgreSQL, compatible versions: 12, 14
- Oracle®, compatible versions: 19c, 21c
 - Option 1 (recommended): full commercial version, updates and support provided by Oracle. Database administration required.
 - Option 2: Oracle® Database Express Edition (Oracle XE), free of charge. No updates and support provided by Oracle®. Limited to 12 GB.

5.6 Does WebIDQ need to communicate with the Mass Spectrometry (MS) vendor software?

No, WebIDQ works independently from the MS software. The MS data files can be processed in WebIDQ without the need for the MS software.

5.7 Can I have multiple users from my organization in WebIDQ?

Yes, a maximum of 10 individual users within an organization can be assigned to each subscription.

5.8 What happens to my data if I don't renew my subscription?

This depends on the type of subscription.

WebIDQ cloud subscription: In case of subscription expiration, WebIDQ changes to a read-only mode. Read-only access to WebIDQ lasts for 30 days during which a subscription can be renewed, and results can and should be easily downloaded to your local computer or network. After the read-only period, the account is marked for deletion. Data will be deleted once a quarter.

On-premises subscription: After the expiration of the subscription, WebIDQ changes to a read-only mode. Read-only access to WebIDQ lasts for 30 days during which results can and should be easily downloaded to your local computer. Data retention depends on the on-premises server. We will not delete any data.

5.9 I would like to choose the cloud version, but my IT administrator does not like it, or our internal rules do not permit cloud versions

There is a general market transition from local to cloud-based applications. Many leading software providers have shifted their services to the cloud (e.g. Microsoft, Oracle, Google) as benefits exceed the disadvantages. In case your institutional restrictions apply, you may use the on-premises subscription. You can always migrate from on-premises to cloud-based subscription any time. Many organizations tend to change positions over time and may allow exception. Please reach out to us with any questions or concerns.

5.10 Can I switch between on-premises and cloud-based subscription?

Yes, migration from one subscription to the other is possible at any time. Please contact our customer support for details.

5.11 Is my data in the cloud safe or does biocrates or anyone else have access to it?

biocrates is committed to protecting and honoring your privacy rights. We fully comply with the GDPR regulations. Each organization gets their own secure and unique database instance assigned for their data. It is not possible to access other organization's data. All client-to-service communication is encrypted (SSL protection) and access within the organization is managed by user role management through the organizations' administrators.



Please check our [support FAQ](#) for solutions to common performance issues and technical questions or contact us: support@biocrates.com.